

Applicants respectfully submit that the pending claims are in a condition for allowance. Applicants make this amendment for the sole purpose of expediting prosecution and for clarity, and not in response to any ground or reason for patentability in response to an action in this or related cases. An early action on the merits is respectfully requested. The undersigned can be reached at 408-746-4536 if the Examiner wishes to discuss the response.

Respectfully submitted,

Date: August 5, 2002

By: Luisa Bigornia

Luisa Bigornia
Attorney for Applicants
Registration No.: 45,974
HYSEQ, INC.
670 Almanor Avenue
Sunnyvale, CA 94085
(408) 524-8100
(408) 524-8145 (Telefacsimile)

Version With Markings to Show Changes

IN THE CLAIMS:

Claims 10-21 and 27-28 were cancelled.

Claims 1, 3, and 22 have been amended as follows:

1. (amended) An isolated polynucleotide comprising a nucleotide sequence selected from the group consisting of SEQ ID NO: 4[1-10,]or a mature protein coding portion of SEQ ID NO: 4[1-10, an active domain of SEQ ID NO: 1-10, and complementary sequences thereof].
3. (amended) An isolated polynucleotide encoding a polypeptide with biological activity, wherein said polynucleotide has greater than about [90%]95% sequence identity with the polynucleotide of claim 1.
22. (amended) A collection of polynucleotides, wherein the collection comprises the sequence information of [at least one of SEQ ID NO:1-10]SEQ ID NO: 4.